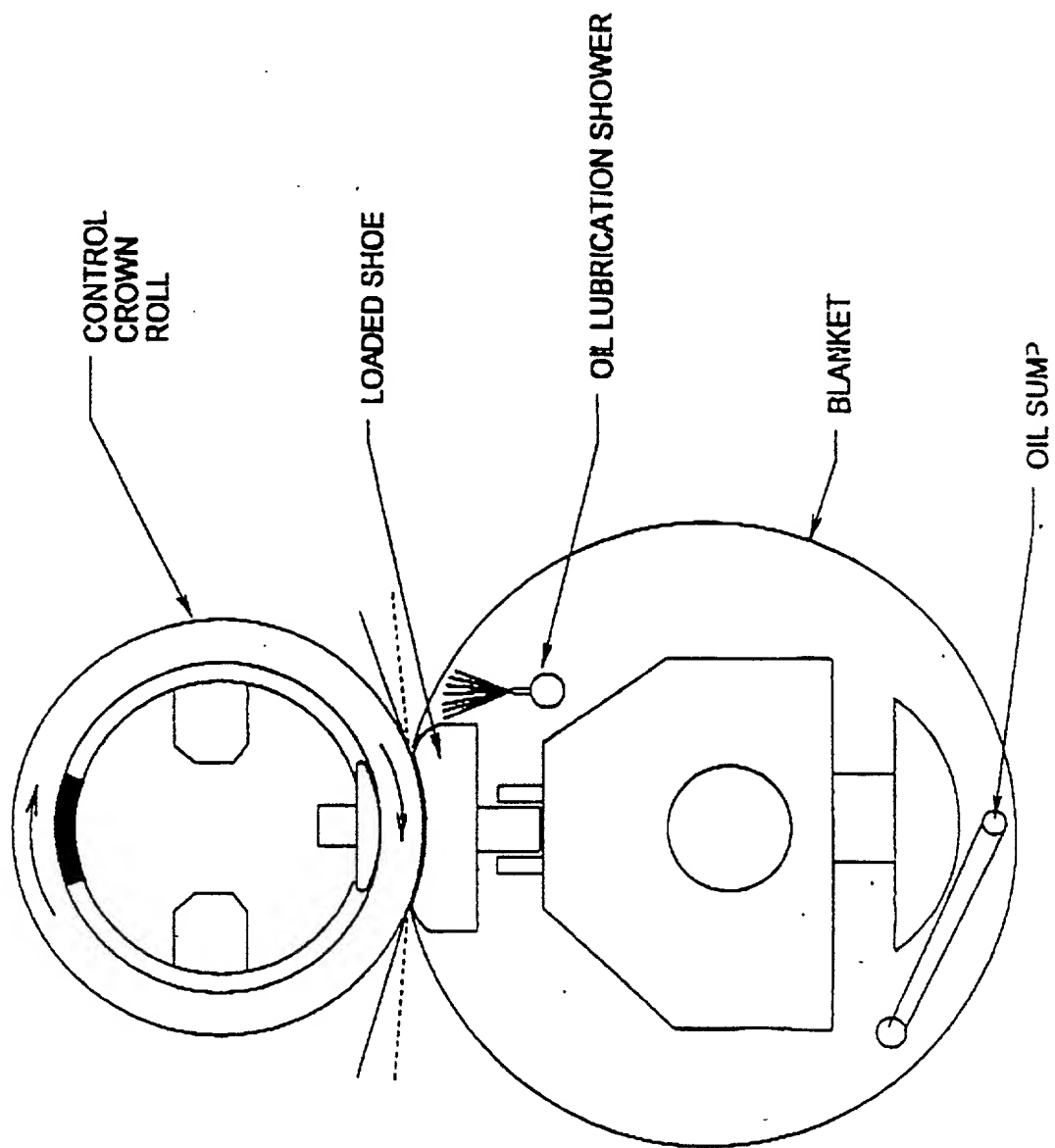


FIGURE 1

SIDE VIEW OF WIDE SHOE PRESS



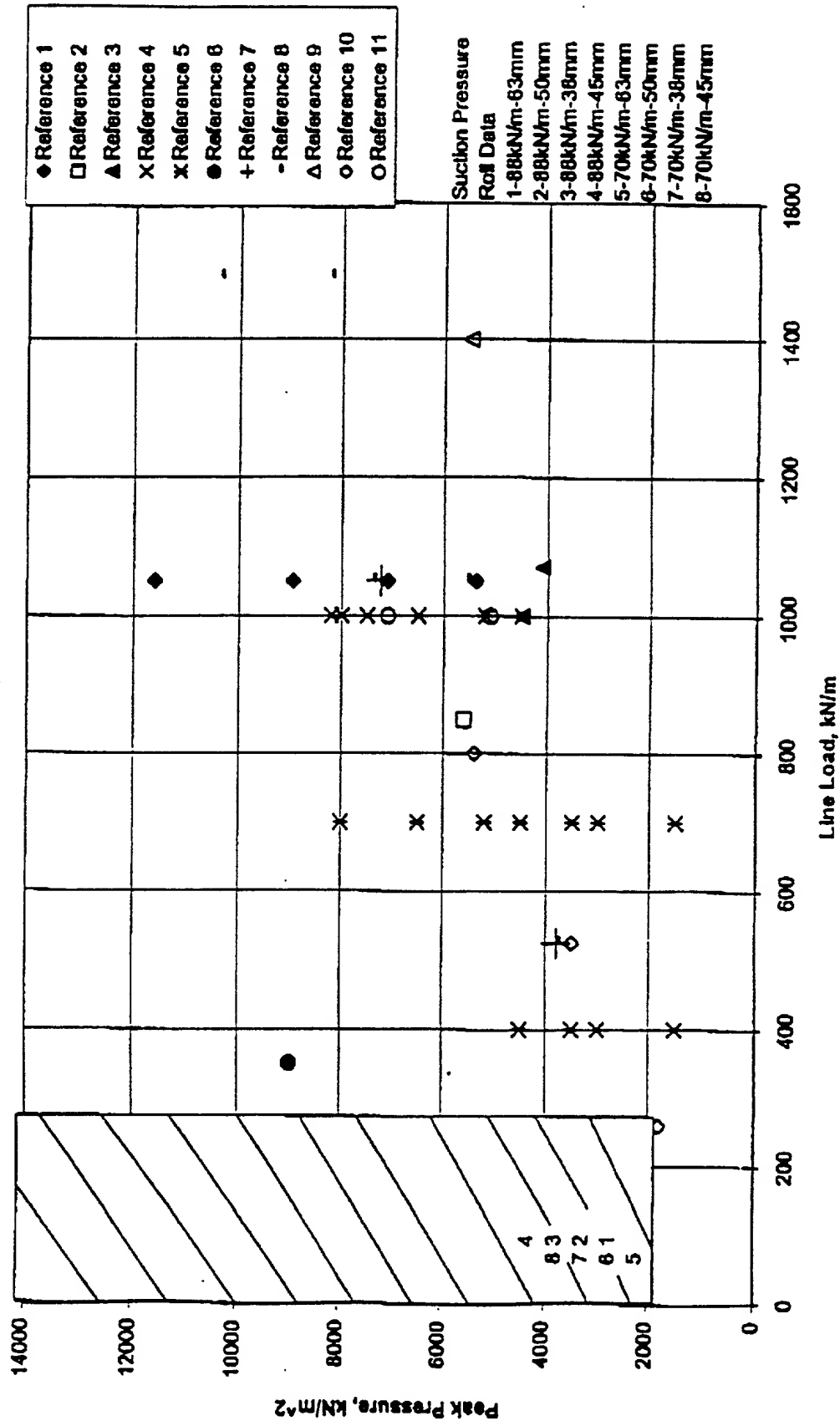


FIGURE 3

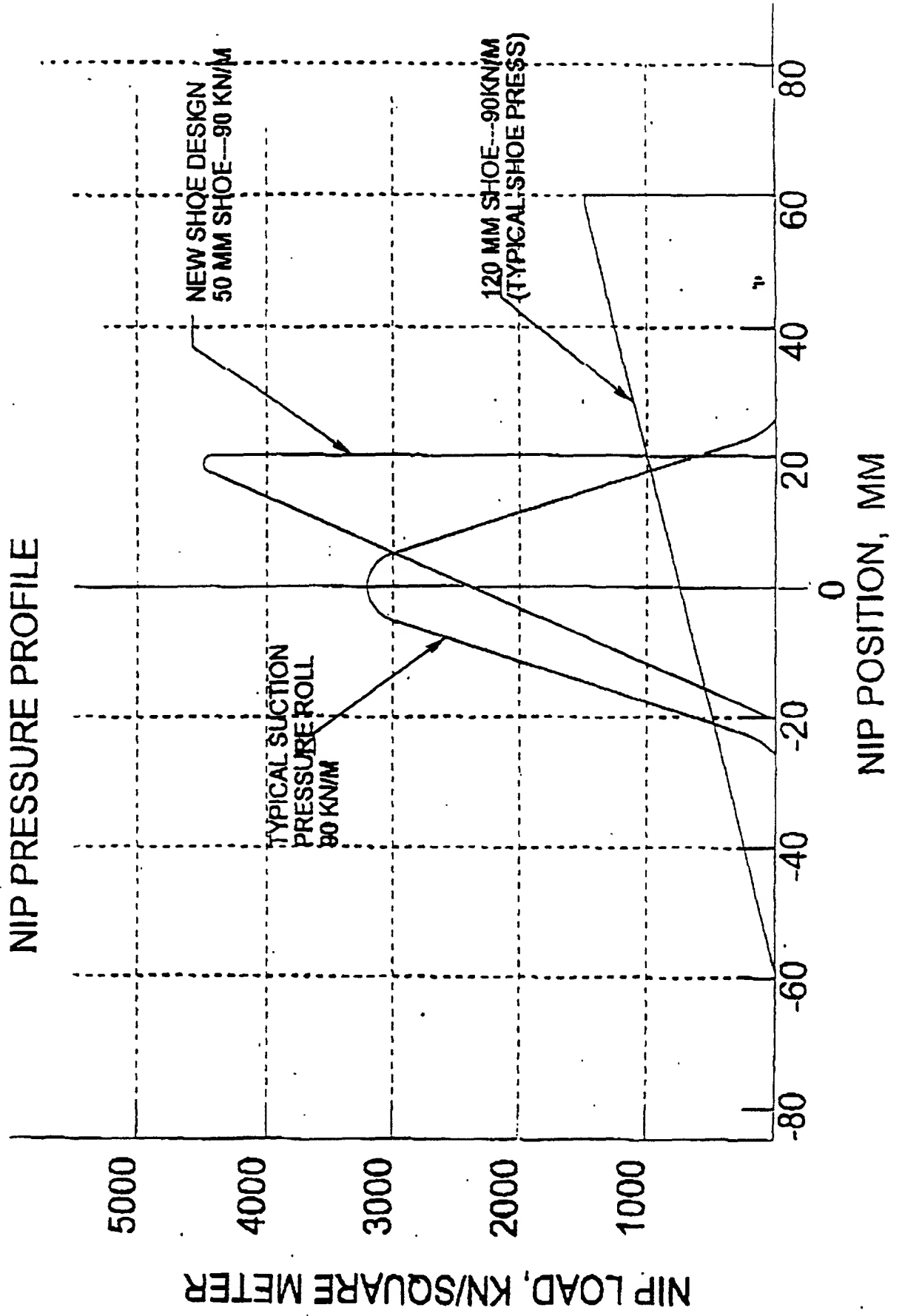


FIG. 4 — CONVENTIONAL WET PRESS PROCESS LAYOUT

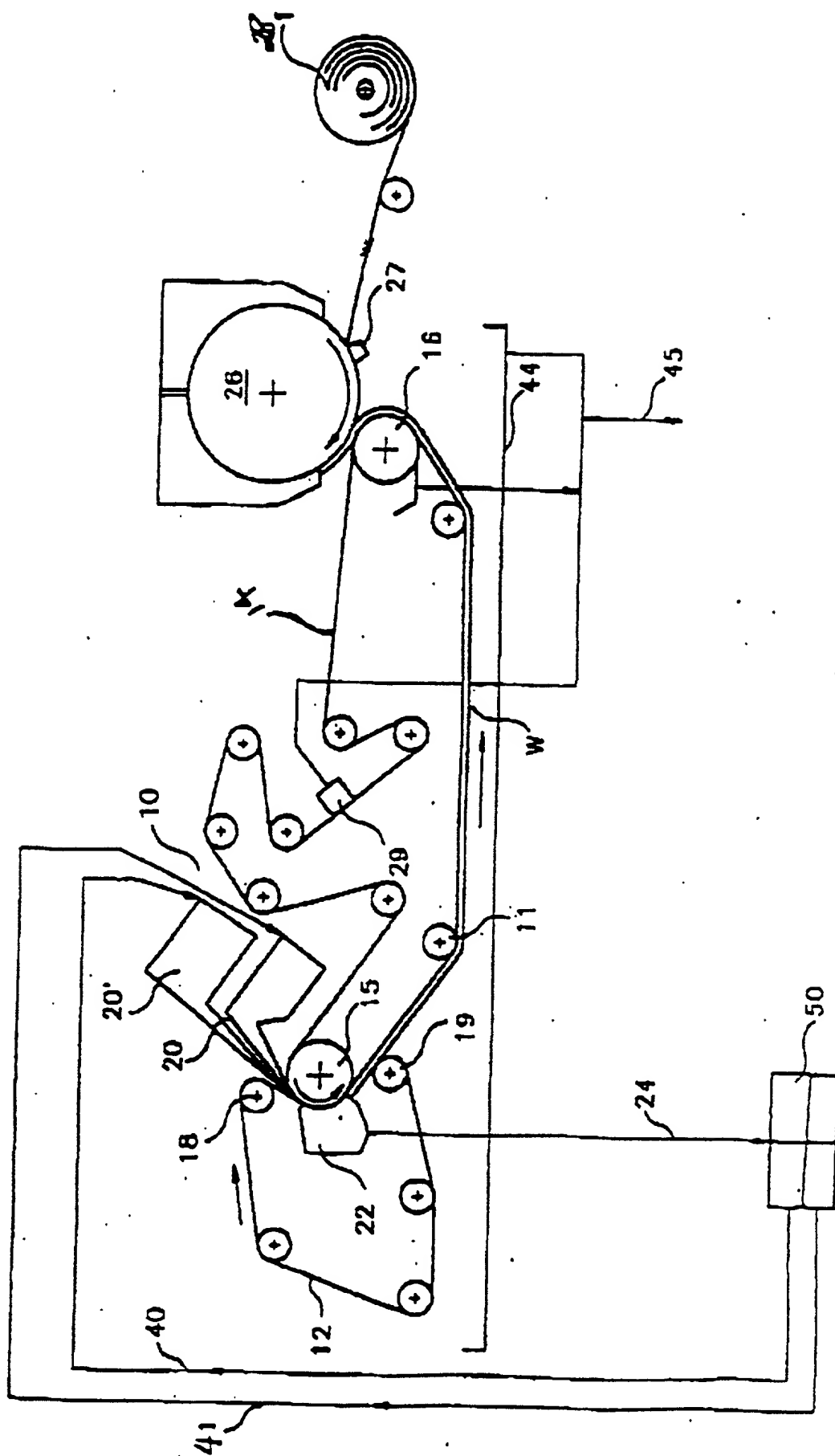


FIG. 5 is a schematic diagram of a conventional through-air-drying process layout.

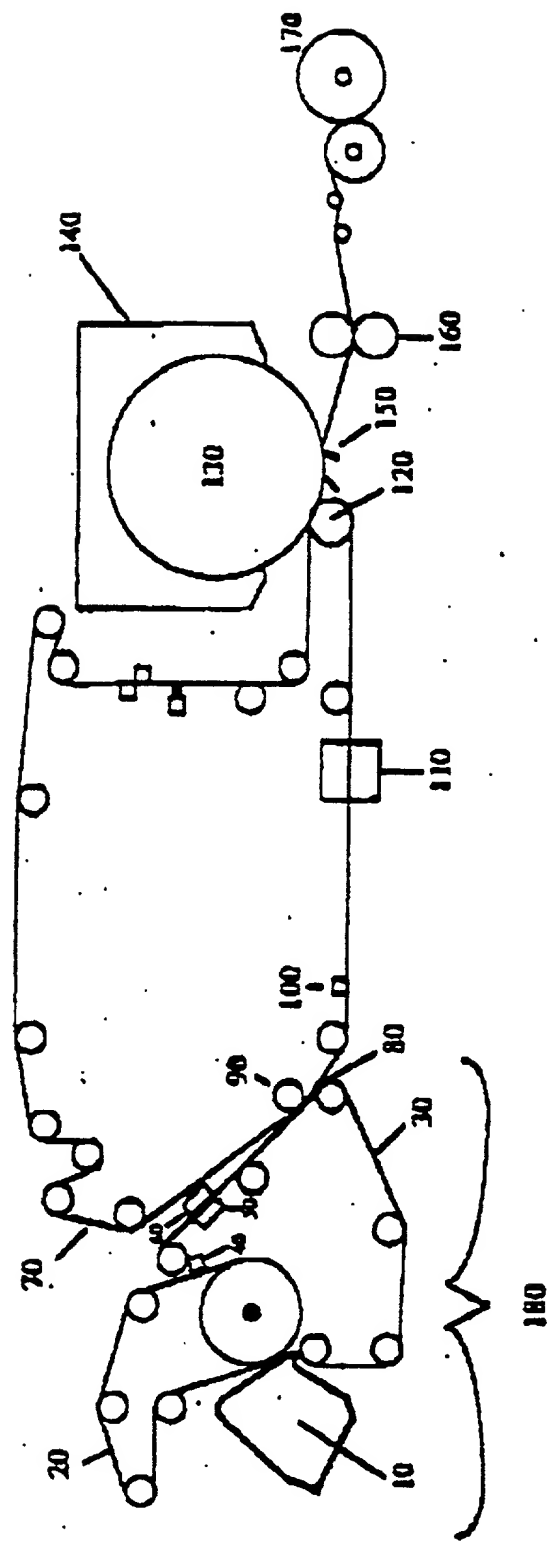


FIG. 5 ---CONVENTIONAL THROUGH-AIR-DRYING PROCESS LAYOUT

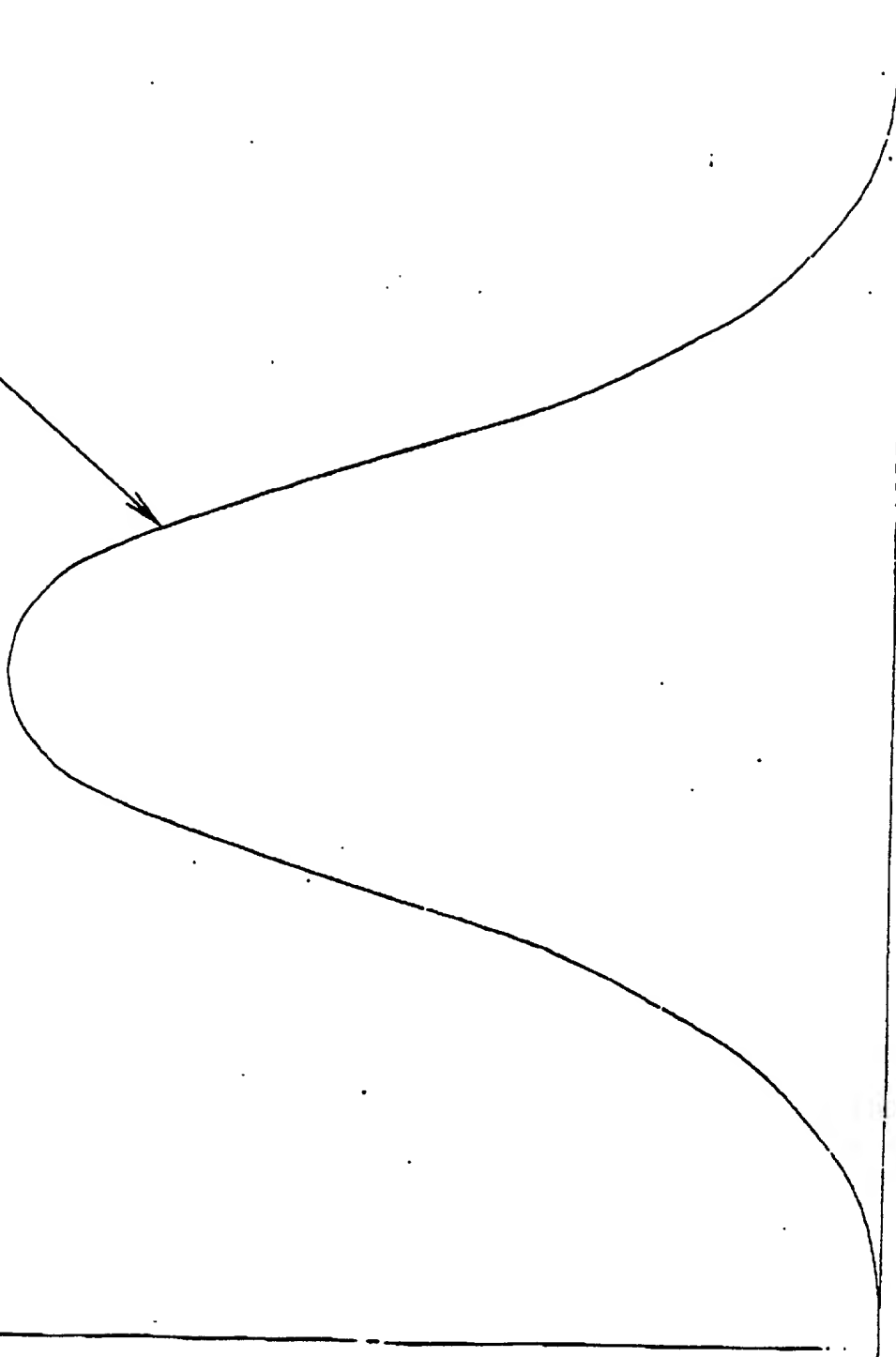
FIGURE 6

TYPICAL PRESSURE ROLL CURVE

SYMMETRICAL CURVE

PRESSURE

NIP COORDINATE



[illegible]

FIGURE 7

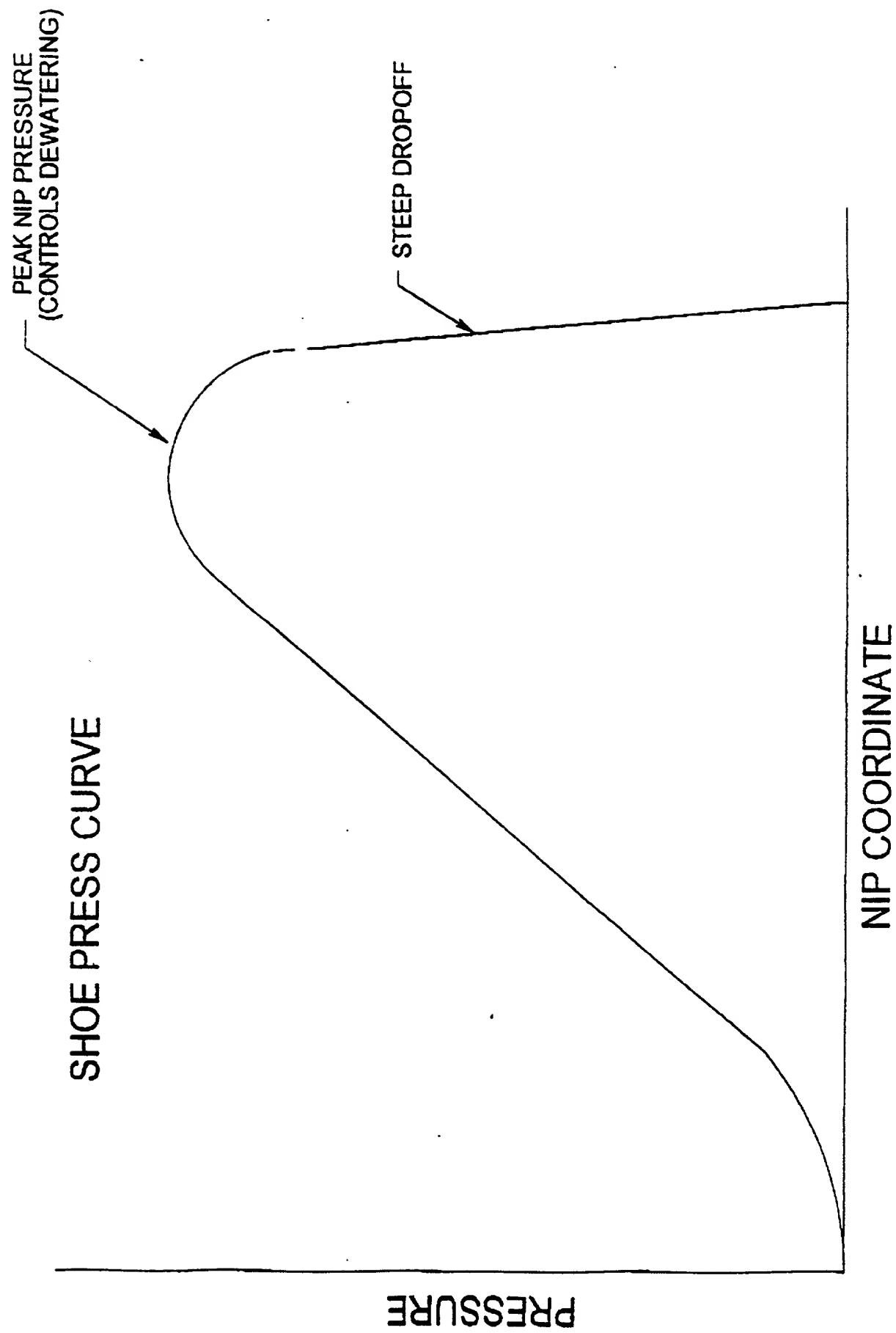


FIGURE 8

AN OPTIMIZED SHOE PRESS CURVE

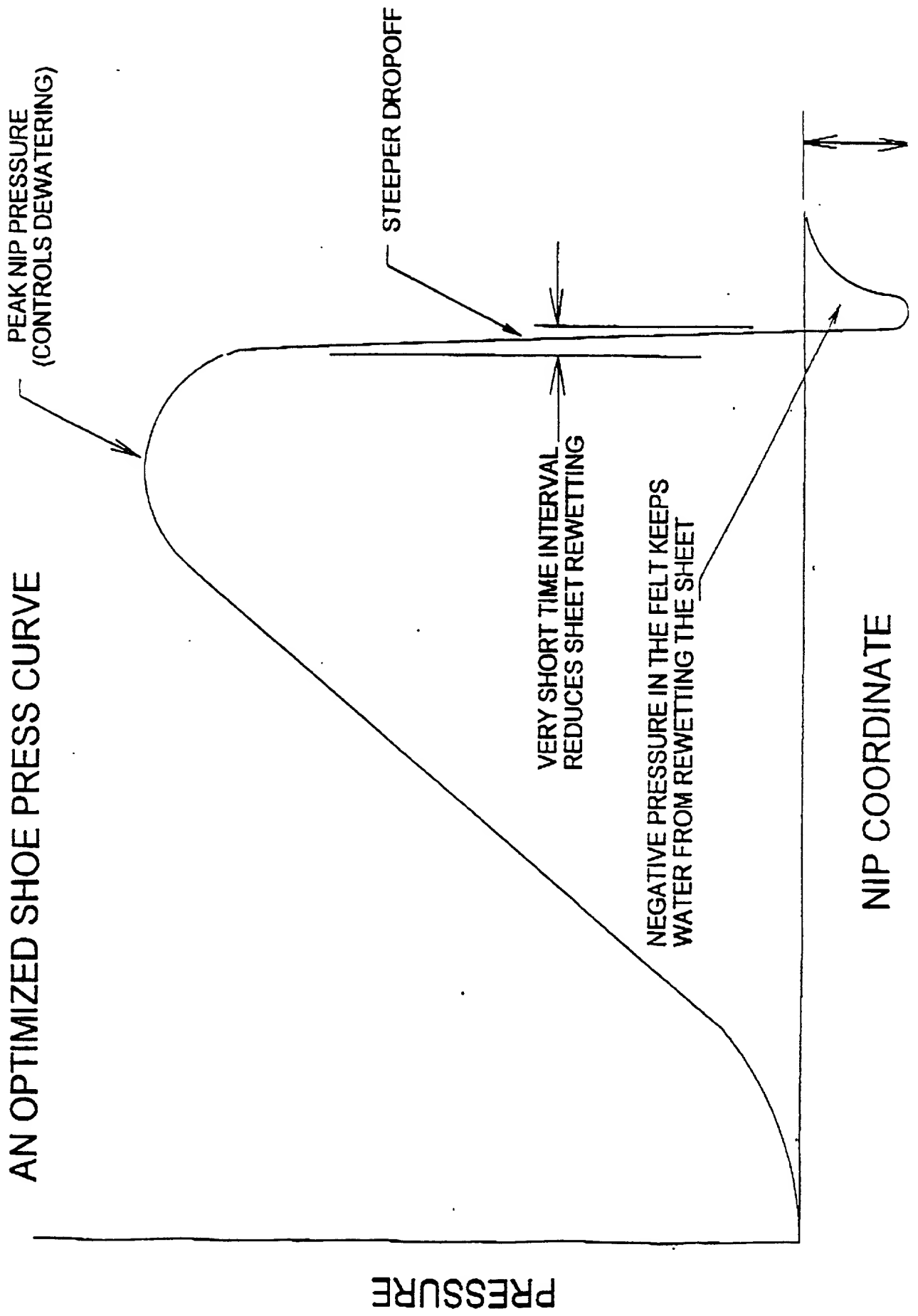


FIGURE 9

SHOE PRESS WITH LARGE DIAMETER TRANSFER CYLINDER AND WITH FELT PARTIALLY WRAPING CYLINDER

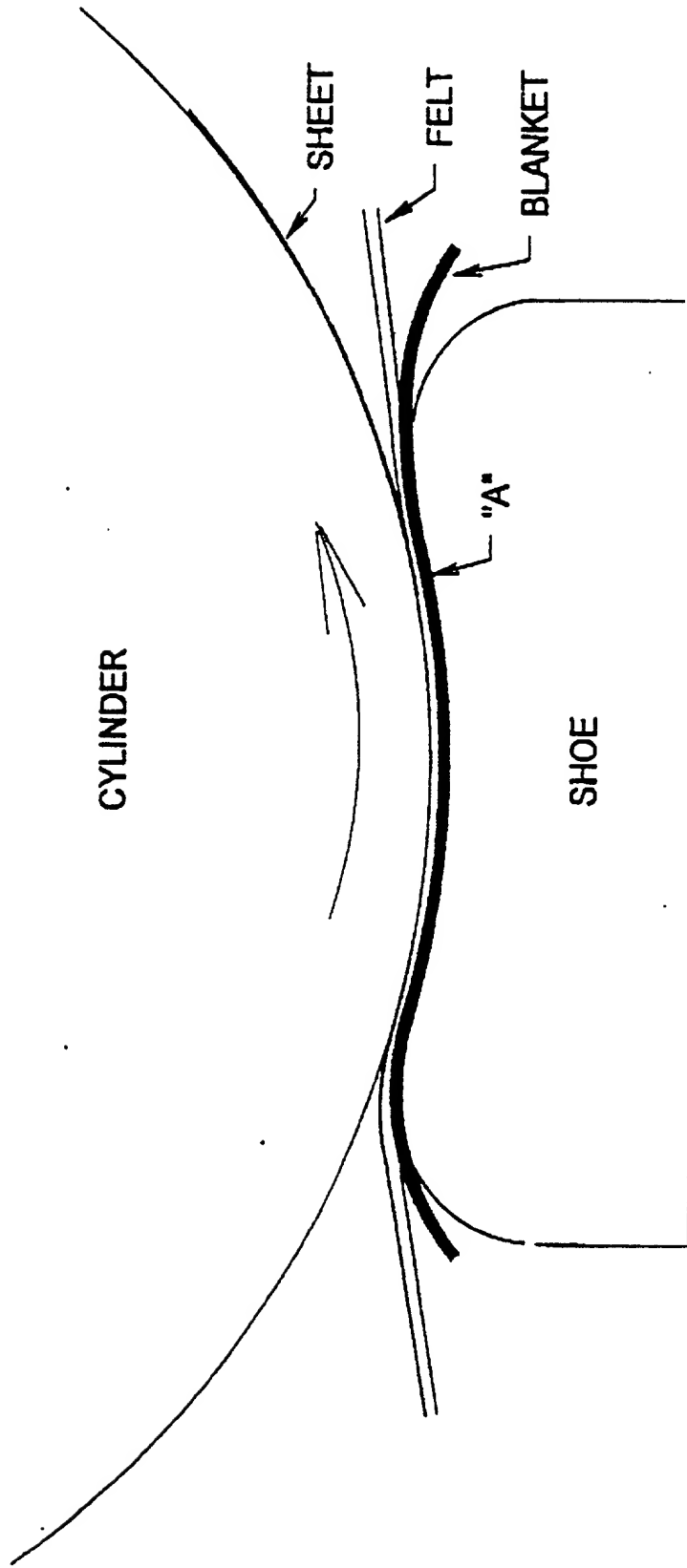


FIGURE 10

SHOE PRESS TAPERED ON THE EXIT SIDE SO THAT
BLANKET/FELT CAN BE RAPIDLY REMOVED FROM THE SHEET

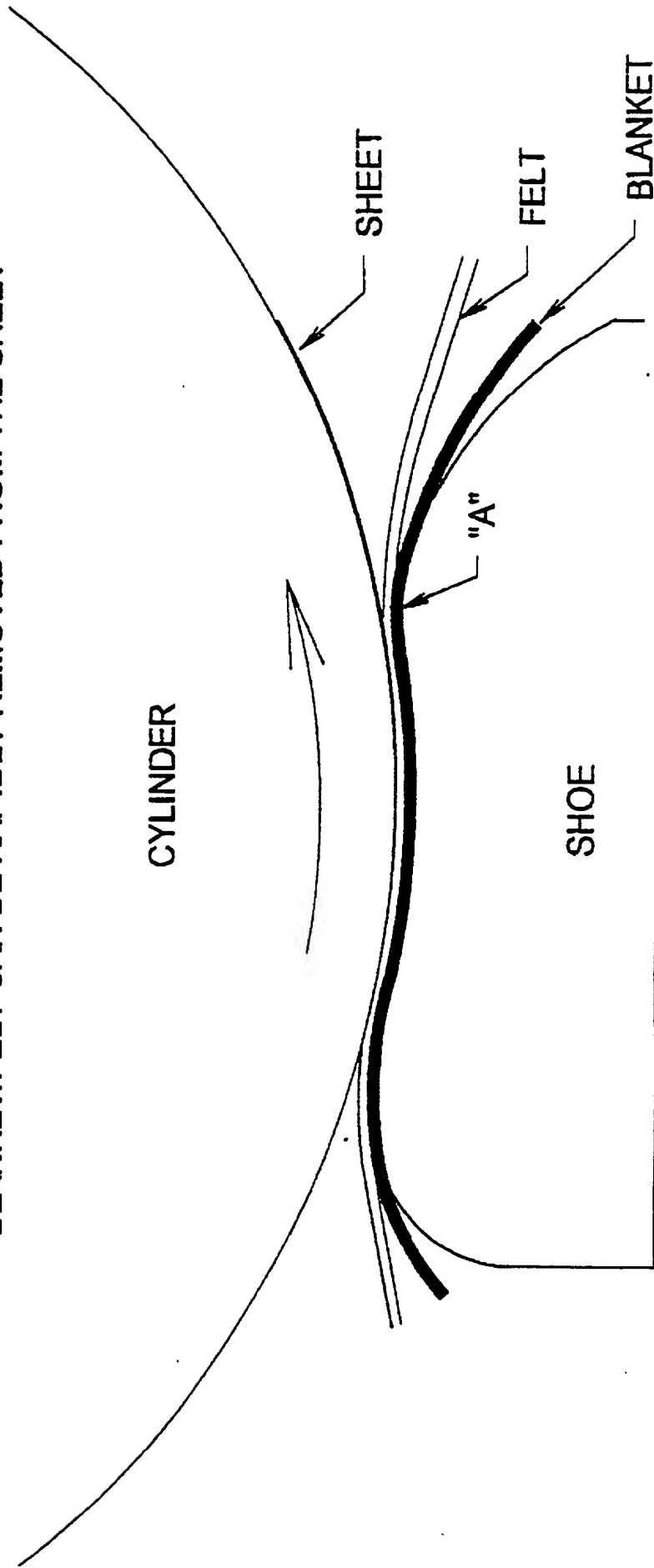


FIGURE 11

SHOE PRESS TAPERED ON THE EXIT SIDE SO THAT FELT CAN BE RAPIDLY REMOVED FROM THE SHEET WHILE THE BLANKET IS SIMULTANEOUSLY RAPIDLY REMOVED FROM THE FELT

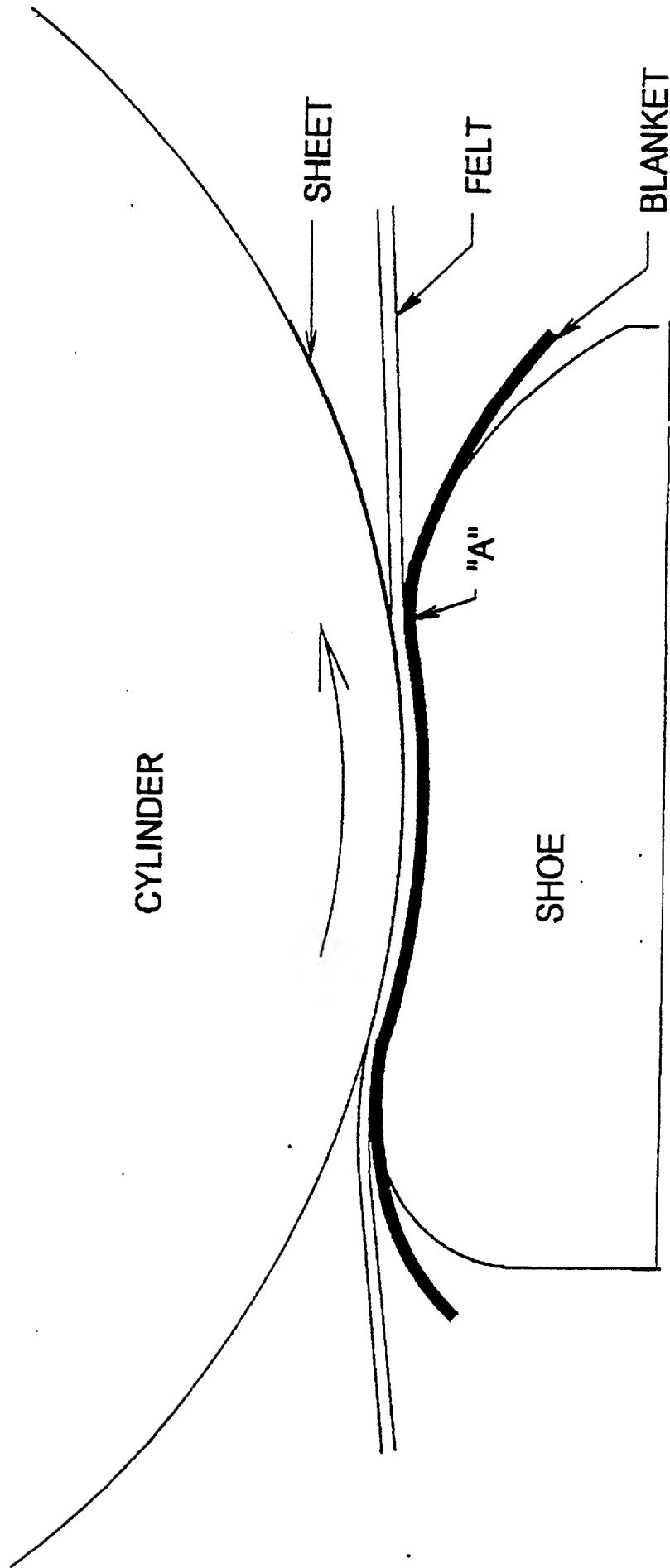
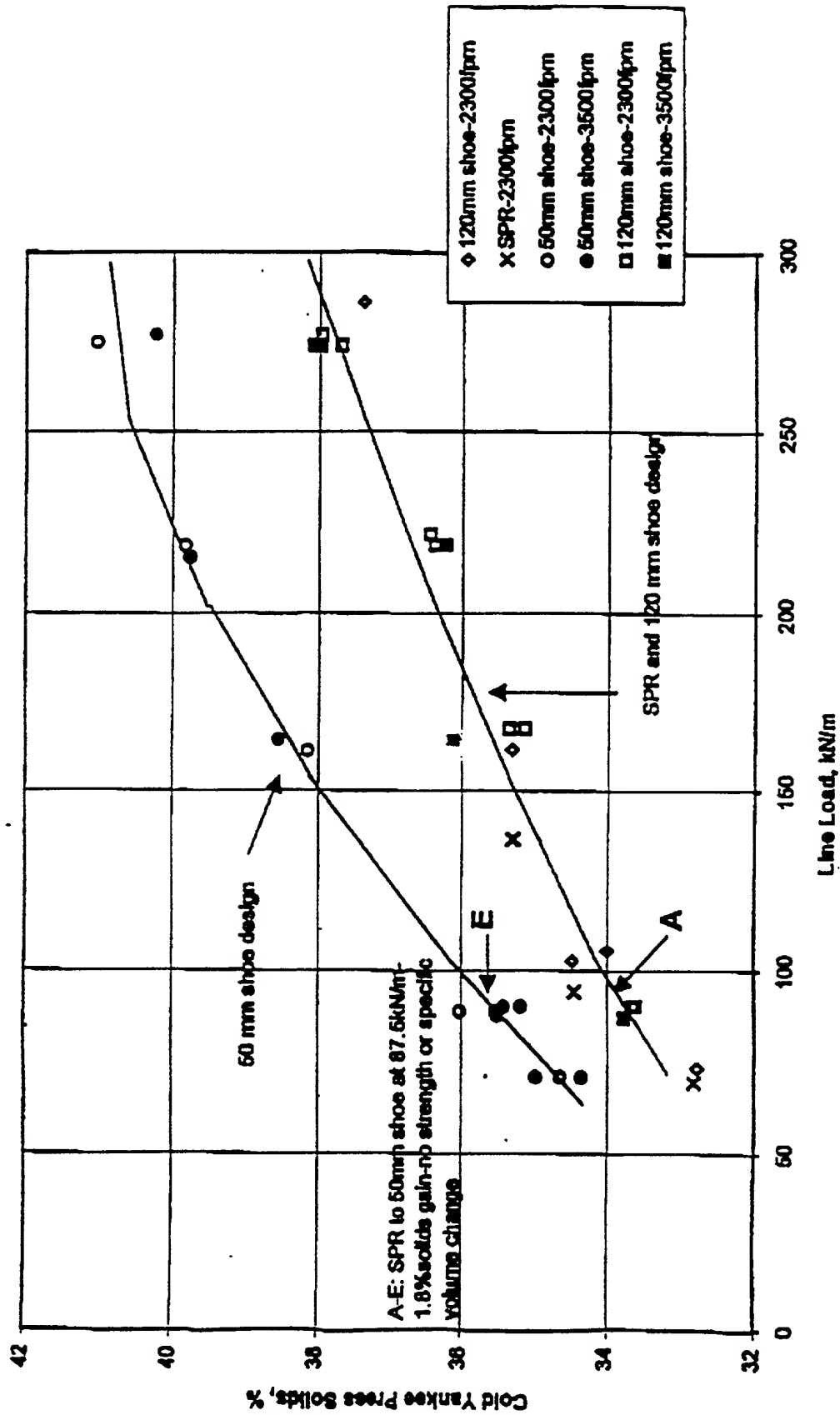


Figure 12: Relationship Between Cold Yankee Press Solids and Line Load



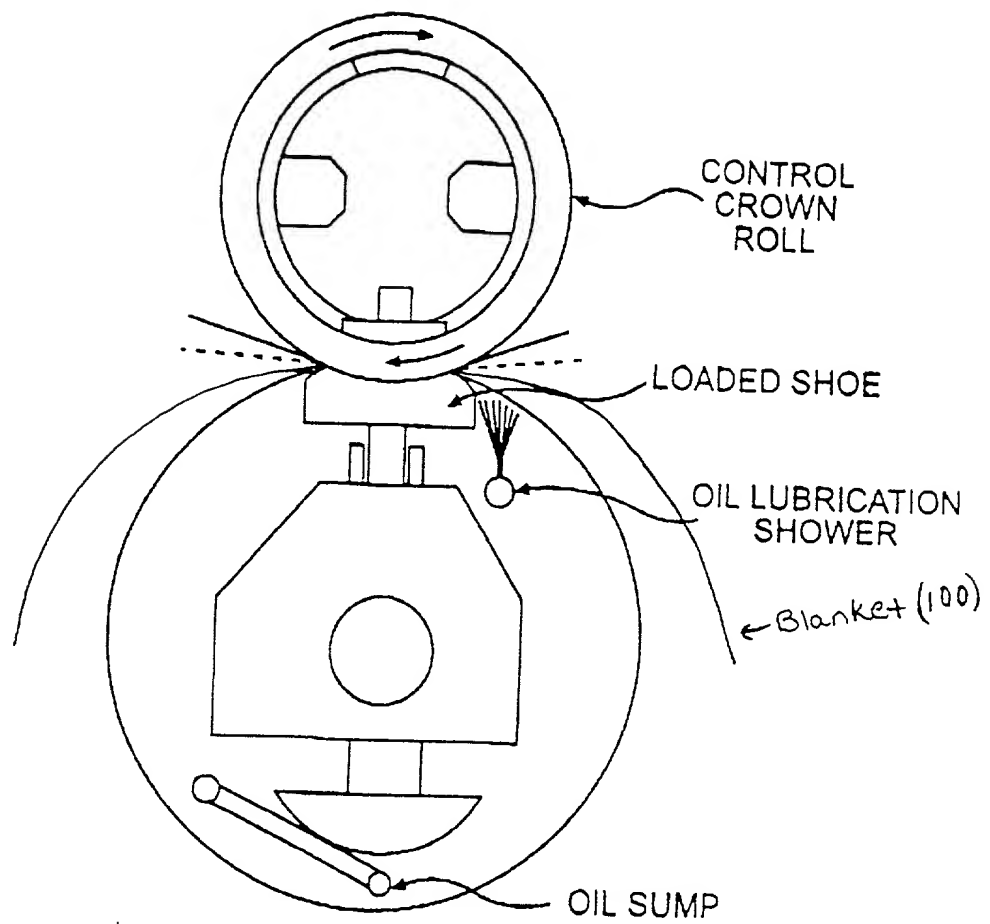


FIG. 13

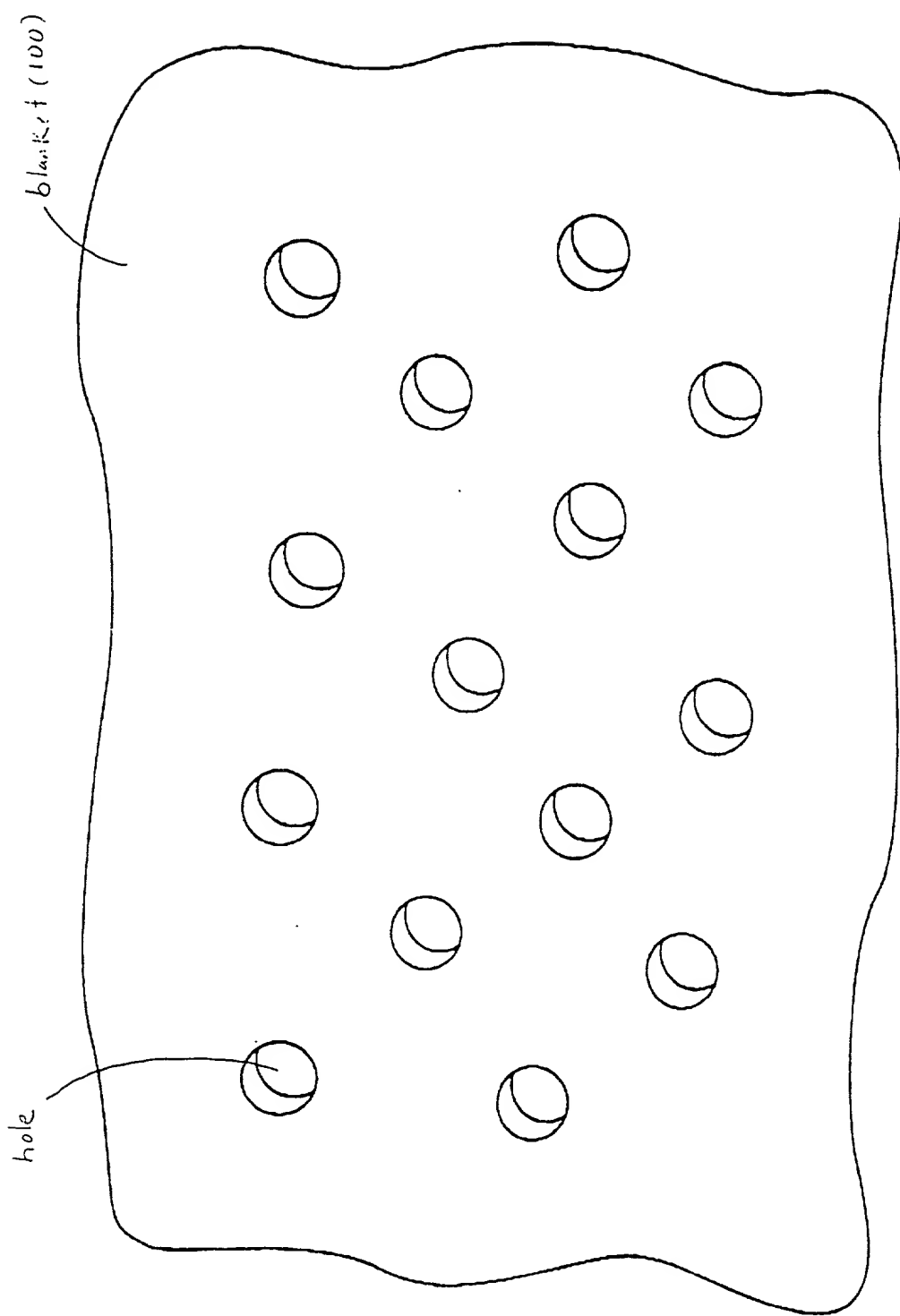


FIG. 14

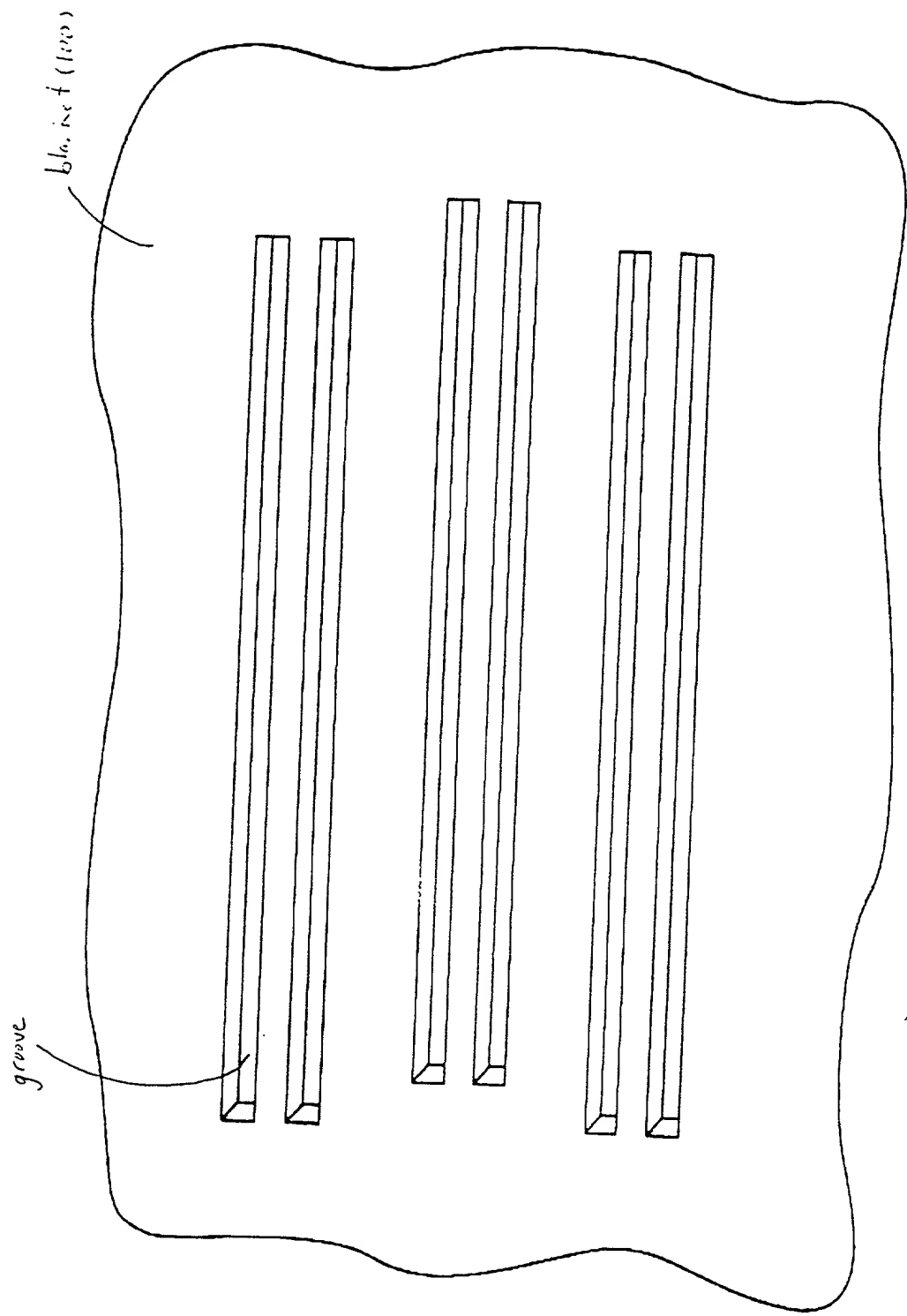


FIG. 15